



Solution details		Sentera products					
<p>The fan speed will be controlled based on the duct air quality level.                      The air quality setpoint can be adjusted via frequency inverter keypad. Parameter (P45 PI digital setpoint).                      TK or PTC monitoring for thermal motor protection.                      If the motor features PTC, adjust parameter 47 in the frequency inverter towards 'Ptc-th'</p> <p>Suited for motor type: 400 VAC three phase induction motors with TK or PTC thermal motor protection                      Motor control: Demand controlled ventilation in function of the indoor air quality                      Minimum motor speed: Make sure that the minimum voltage remains high enough to avoid stalling of the motor.                      Maximum motor current: 4,1 A</p> <p>Set frequency inverter parameters:                      P02=10 P12=5                      P15=14 P43=1                      P30=Auto-0</p> <p> Consult the fan manufacturer for the correct wiring</p>		<table border="1"> <thead> <tr> <th>Article code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>DHDR8-24/36 FI-E44041E2 DSVCF-R</td> <td>24 VDC power supply Frequency inverter Multifunctional duct transmitter</td> </tr> </tbody> </table>	Article code	Description	DHDR8-24/36 FI-E44041E2 DSVCF-R	24 VDC power supply Frequency inverter Multifunctional duct transmitter	
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DHDR8-24/36 FI-E44041E2 DSVCF-R	24 VDC power supply Frequency inverter Multifunctional duct transmitter						
		External products					
		AC fan with an induction motor I <sub>max</sub> 4,1 A					